



Telephone: (515) 281-5368
Fax: (515) 281-7562

Michael L. Fitzgerald
Treasurer of State
Capitol Building
Des Moines, Iowa 50319-0005

E-Mail: treasurer@iowa.gov
Web: www.iowatreasurer.gov

Date: 01/14/2013
To: Marcia Tannian, Legislative Services Agency; Joel Lunde, the Department of Management
From: Jerry Neppel - Division of Soil Conservation & Luke Donahe - Treasurer of State Office
RE: 2012 annual report for appropriations from the Rebuild Iowa Infrastructure Fund and Revenue Bonds Capitals II Fund to the Watershed Improvement Fund

Ladies and Gentlemen:

Please find attached the 2012 year end summary for the Watershed Improvement Fund. The information was provided in conjunction with the Division of Soil Conservation and the Treasurer of State's Office.

Respectfully,

A handwritten signature in cursive script, appearing to read "Stefanie Devin".

Stefanie Devin, Deputy Treasurer

Attachments

The Watershed Improvement Fund and the Watershed Improvement Review Board (WIRB) were created in 2005. This statute is now codified in Iowa Code Chapter 466A. The purpose of the Watershed Improvement Fund is to enhance the water quality and flood prevention efforts in the state through a variety of impairment-based, locally-directed watershed improvement projects. These projects are awarded grants through a competitive application process directed by the WIRB. Appropriations to the Fund do not revert except for the Capital Revenue Bonds II (RCB2) appropriation. Interest earned on the moneys on the Fund are also retained in the Fund and are used to fund projects or pay per diem and expenses of the WIRB members. Starting July 1, 2012, the Fund is also receiving Animal Agriculture Compliance Fund Penalties.

In state fiscal years 2009 (SFY2009) and 2010 (SFY2010), the Watershed Improvement Fund was appropriated \$5,000,000 from the Rebuild Iowa Infrastructure Fund (RIIF). In SFY2011, the Watershed Improvement Fund was appropriated \$2,000,000 from the Revenue Bonds Capitals II Fund (RBC2). No appropriation was received in fiscal year 2012. In SFY 2013, the Watershed Improvement Fund was appropriated \$1,000,000 from the RIIF

Table 1 lists the projects selected September 12, 2008 and February 27, 2009 by the WIRB utilizing the SFY2009 RIIF appropriation. Table 2 lists the projects selected September 21, 2009 and February 19, 2010 by the WIRB utilizing the SFY2010 RIIF appropriation. Table 3 lists the projects selected July 23, 2010 and November 5, 2010 by the WIRB utilizing the SFY2011 RCB2 appropriation. An additional project was funded using RCB2 funds from project slippage on August 17, 2012. Table 4 lists the projects selected September 9, 2011 using funds available from interest earned on the account and slippage from previously-funded projects. Table 5 lists the projects selected August 17, 2013 by the WIRB utilizing the SFY2012 RIIF appropriation. The tables includes the project name, a brief description of the project, estimated total cost of the project, RIIF or Revenue Bonds awarded, other revenue sources, RIIF or Revenue Bonds expended, RIIF or Revenue Bonds obligated or encumbered, project status and project completion date.

In 2011, changes were made in the authorizing legislation to allow the WIRB to fund a nutrient mass balance study to be conducted by the Iowa Department of Agriculture and Land Stewardship in cooperation with Iowa State University College of Agriculture and Life Sciences. The WIRB approved \$50,000 at their September 9, 2011 meeting to complete this study.

Additional information on these projects can be found at:

<http://www.iowaagriculture.gov/IWIRB.asp>

Per 466A.2, a Watershed Improvement Fund is created in the State Treasury, which shall be administered by the Treasurer of State upon the direction of the Watershed Improvement Review Board. At the end of this report is a summary of the Revenues and Expenses related to the Watershed Fund as of December 31, 2012.

If you would have any questions related to the information presented please feel free to contact Jerry Neppel with the Division of Soil Conservation @ 515-281-3599 or Luke Donahe with the Treasurer of State @ 515-281-4051.

Table 1. State Fiscal Year 2009 Watershed Improvement Fund Appropriations From RIF

| Project Number | Watershed Name | Project Description | Total Estimated Cost (\$) | RIF Award (\$) | Other Revenue Sources | RIF Expended (\$) | RIF Obligated or Encumbered | Project Status | Completion Date |
|----------------|-------------------------|--|---------------------------|----------------|---|-------------------|-----------------------------|-----------------------------|-----------------|
| 8004-001 | Summit Lake | Protect eroding shoreline of lake and install erosion control practices to reduce sediment delivery | \$678,590 | \$493,117 | Landowners, City of Cresion, Natural Resources Conservation Service, Union Soil and Water Conservation District, Union County, Southern Iowa Rural Water, Cresion High School, Southwestern Community College | \$493,117 | \$0 | project complete | 12/31/2011 |
| 8005-002 | Silver Lake | Provide incentives to landowners to enroll in the USDA Wetland Reserve Program | \$5,690,560 | \$474,540 | Clean Water Alliance, Silver Lake Park Improvement Association, Wetland Reserve Program, Pheasants Forever, Dickinson Water Quality Commission, EPA 319, Watershed Protection Program | \$151,689 | \$322,861 | final report being prepared | 12/31/2011 |
| 8006-003 | East Okoboji Lake | Implement low impact development practices as part of a street improvement project to reduce urban stormwater runoff to East Okoboji Lake | \$3,318,358 | \$386,000 | Homeowners, Dickinson County, Dickinson Soil and Water Conservation District, Water Quality Commission | \$386,000 | \$0 | project complete | 1/31/2012 |
| 8008-004 | Rathbun Lake | Install sediment control practices in one priority sub watershed of Rathbun Lake Watershed | \$955,552 | \$144,753 | Landowners, EPA 319, Watershed Protection Fund, Water Protection Fund, Environmental Quality Incentives Program, Rathbun Rural Water Association | \$144,753 | \$0 | project complete | 1/31/2012 |
| 8009-005 | Storm Lake | Install a fish barrier, pumping station and water control structure between Little Storm Lake and Storm Lake to allow improved water level management and management nuisance fish populations | \$400,000 | \$200,000 | Iowa Department of Natural Resources, Lakes Restoration Program, City of Storm Lake | \$29,460 | \$170,540 | final report being prepared | 1/31/2013 |
| 8010-006 | Camp Creek | Install sediment control practices, dredge Thomas Mitchell Pond and purchase land to apply practices | \$394,279 | \$275,514 | Polk County Conservation Board, Natural Resources Conservation Service, Iowa Department of Agriculture and Land Stewardship | \$80,595 | \$214,919 | final report being prepared | 12/31/2011 |
| 8011-007 | Ludlow Creek | Install practices to reduce sediment and animal waste from being delivered to Yellow River | \$1,334,050 | \$405,904 | Landowners, Wildlife Habitat Incentives Program, Environmental Quality Incentives Program, Natural Resources Conservation Service, Iowa Department of Natural Resources, Citizens for Clean Water, Allamakee Soil and Water Conservation District | \$405,904 | \$0 | project complete | 12/31/2011 |
| 8012-008 | Lake Morris | Improve water quality in Lake Morris through the installation of a variety of best management practices | \$662,500 | \$333,973 | Landowners, City of Chantion, Chantion Water Department | \$333,973 | \$0 | project complete | 12/31/2011 |
| 8013-009 | Muchachrock Creek | Reclaim three abandoned mine land sites | \$2,450,000 | \$424,545 | Iowa Department of Agriculture and Land Stewardship, Pathfinders Resource Conservation and Development | \$344,217 | \$80,328 | final report being prepared | 1/31/2012 |
| 8018-010 | Walnut Creek | Install sediment control practices in priority areas to reduce sediment delivery to Walnut Creek | \$2,251,920 | \$467,905 | Landowners, Hungry Canyons Alliance, Potawatamie Local Option Sales Tax, Environmental Quality Incentives Program, Conservation Reserve Program, EPA 319, Watershed Protection Fund | \$467,905 | \$0 | project complete | 6/30/2012 |
| 8019-011 | Staff and Beaver Creeks | Install a variety of practices to reduce sediment delivery and nutrient transport to Staff and Beaver Creeks | \$1,078,798 | \$232,043 | Landowners, Environmental Quality Incentives Program, Conservation Reserve Program, Resource Enhancement and Protection Program | \$232,043 | \$0 | project complete | 6/30/2012 |
| 8021-012 | Sands Timber | Install sediment control practices to reduce sediment delivery to Sands Timber Lake | \$1,376,426 | \$487,928 | Landowners, Resource Enhancement and Protection Program, Environmental Quality Incentives Program, Conservation Reserve Program, Taylor County Conservation Board, EPA 319, Watershed Protection Program, Taylor Soil and Water Conservation District | \$487,928 | \$0 | project complete | 6/30/2012 |

Table 1 (continued). State Fiscal Year 2009 Watershed Improvement Fund Appropriations From RLIIF

| Project Number | Watershed Name | Project Description | Total Estimated Cost (\$) | RLIIF Award (\$) | Other Revenue Sources | RLIIF Expended (\$) | RLIIF Obligated or Encumbered | Project Status | Completion Date |
|----------------|--------------------------------|--|---------------------------|------------------|---|---------------------|-------------------------------|------------------|-----------------|
| 8023-013 | DMACC Lake | Install a variety of urban stormwater management and stream restoration practices to improve the water quality in DMACC Lake | \$1,721,359 | \$500,000 | Des Moines Area Community College | \$500,000 | \$0 | project complete | 4/30/2012 |
| 8024-014 | Duck Creek | Install stream buffers and implement an information marketing campaign promoting the value of stream buffers and practices citizens can do to improve water quality in Duck Creek. | \$123,408 | \$60,392 | River Action Inc, City of Davenport, City of Bettendorf | \$60,392 | \$0 | project complete | 12/31/2011 |
| 8025-015 | Remsen Source Water Protection | Purchase land and seed to native grasses to protect and enhance the source water for the City of Remsen | \$215,385 | \$179,440 | City of Remsen, Pheasants Forever, Iowa Department of Natural Resources Source Water Protection Program | \$179,440 | \$0 | project complete | 4/7/2012 |
| 8027-016 | Compelene Creek | Install a variety of urban and rural practices to improve the water quality in Compelene Creek | \$828,350 | \$99,537 | Landowners, Water Protection Fund, Watershed Protection Fund, Resource Enhancement and Protection Program, Environmental Quality Incentives Program | \$99,537 | \$0 | project complete | 6/30/2012 |
| Totals | | | \$23,379,535 | \$5,175,591 | | \$4,386,953 | \$788,538 | | |

Table 2. State Fiscal Year 2010 Watershed Improvement Fund Appropriations From RILE

| Project Number | Watershed Name | Project Description | Total Estimated Cost (\$) | RILE Award (\$) | Other Revenue Sources | RILE Expended (\$) | RILE Obligated or Encumbered | Project Status | Completion Date |
|----------------|---------------------------------------|--|---------------------------|-----------------|--|--------------------|------------------------------|-----------------------------|-----------------|
| 9002-001 | Indian Springs Pond Watershed Project | Install a variety of urban and rural practices to reduce sediment and other pollutants from entering Indian Springs Pond. | \$817,540 | \$201,660 | landowners, Environmental Quality Incentives Program, Waukon Economic Development, City of Waukon, Natural Resources Conservation Service, Iowa Department of Natural Resources, Iowa Department of Transportation, Resource Conservation and Development for Northeast Iowa, Allamakee Soil and Water Conservation District | \$80,195 | \$121,465 | final report being prepared | 12/31/2012 |
| 9005-002 | Silver Creek | Install erosion control practices and livestock management practices to reduce sediment, ammonia and bacteria from entering Silver Creek. | \$1,300,100 | \$365,950 | landowners, Water Protection Fund, Watershed Protection Fund, EPA 319, Conservation Reserve Program, Environmental Quality Incentives Program, Iowa Financial Incentives Program | \$72,104 | \$293,846 | in progress | 12/31/2013 |
| 9006-003 | Bear Creek Watershed | Improve the fishery of Bear Creek by reducing livestock manure, sediment and nutrient loading to the creek using a variety of practices. | \$791,100 | \$347,950 | landowners, Conservation Reserve Program, Environmental Quality Incentives Program, Division of Soil Conservation | \$131,137 | \$216,813 | in progress | 7/1/2013 |
| 9007-004 | Upper Buffalo Creek Watershed | Install structural and management practices in the watershed to reduce pollutant loading to Upper Buffalo Creek. | \$1,234,181 | \$494,569 | landowners, Conservation Reserve Program, Environmental Quality Incentives Program, Natural Resources Conservation Service | \$200,434 | \$294,135 | in progress | 12/31/2013 |
| 9008-005 | Hewitt Creek Watershed | Install structural and management practices to reduce pollutant loading to Hewitt Creek in order to remove the creek from the impaired waters list. | \$896,007 | \$482,035 | landowners, Iowa State University, Upper Iowa University, watershed council | \$199,275 | \$282,760 | in progress | 12/31/2014 |
| 9009-006 | Lost Creek Watershed | Install grade stabilization structures and terraces and management practices to reduce sedimentation of Lost Creek. | \$687,300 | \$445,800 | landowners, Environmental Quality Incentives Program, Iowa Financial Incentives Program, Conservation Reserve Program | \$105,080 | \$340,770 | in progress | 12/31/2013 |
| 9010-007 | Hawthorn Lake | Install sediment-reducing structural practices in the watershed, stabilize eroding shoreline and implement in-lake management practices to improve the fishery of Hawthorn Lake. | \$977,000 | \$360,900 | landowners, Publicly-Owned Lakes Program, Lake Restoration Program, Manakia Soil and Water Conservation District, Department of Natural Resources, Fisheries Bureau | \$129,320 | \$231,580 | in progress | 12/31/2013 |
| 9011-008 | Walnut Creek Watershed | Install various structural and management practices in the watershed to reduce sediment delivery to Walnut Creek and improve the biologic condition of the water. | \$1,714,276 | \$213,000 | landowners, Environmental Quality Incentives Program, Water Protection Fund, Watershed Protection Fund, EPA 319 | \$113,513 | \$99,487 | final report being prepared | 6/30/2013 |
| 9012-009 | Little River Lake | Reduce sediment and nutrient delivery to Little River Lake to obtain "Fully Supported" status of the lake for aquatic life, reduce potable water treatment costs and restore a viable sport fishery in the lake. | \$1,332,108 | \$423,900 | landowners, Environmental Quality Incentives Program, Iowa Financial Incentives Program, Conservation Reserve Program, Resource Enhancement and Protection and numerous local, state and federal partners | \$339,035 | \$84,865 | in progress | 12/31/2012 |
| 9014-010 | Lytle Creek | Install and septic collection and treatment system for the unserved community of Leisure Lake. | \$3,100,000 | \$391,753 | Eastern Iowa Regional Utility Service Systems | \$22,087 | \$369,656 | in progress | 9/30/2013 |
| 9018-011 | Rathbun Lake Watershed | Install sediment-reducing structural practices in targeted areas of five priority subwatersheds to reduce sediment delivery 6,000 tons to Rathbun Lake and its tributaries | \$2,713,610 | \$491,800 | landowners, Water Protection Fund, Watershed Protection Fund, EPA 319, Natural Resources Conservation Service, Rathbun Regional Water Association | \$184,365 | \$307,435 | in progress | 12/31/2014 |
| 9020-012 | Fox River | Install a variety of structural and management practices on cropland and pastureland to reduce sediment delivery to Fox River. | \$2,031,300 | \$493,750 | landowners, Watershed Protection Fund, EPA 319, Environmental Quality Incentives Program | \$194,742 | \$299,008 | in progress | 12/31/2014 |
| 9025-013 | Beaver Creek Watershed | Replace a network of concrete stormwater flumes with a series of bio-retention structures and other practices to improve water quality and reduce the volume of stormwater runoff in an urbanized watershed. | | | City of Johnston | \$0 | \$0 | cancelled 2-22-2011 | 12/31/2011 |

Table 2. (continued) State Fiscal Year 2010 Watershed Improvement Fund Appropriations From RIF

| Project Number | Watershed Name | Project Description | Total Estimated Cost (\$) | RIF Award (\$) | Other Revenue Sources | RIF Expended (\$) | RIF Obligated or Encumbered | Project Status | Completion Date |
|----------------|-----------------------------|--|---------------------------|----------------|---|-------------------|-----------------------------|-----------------------------|-----------------|
| 9028-014 | Tributary B Four Mile Creek | Through stream restoration and the installation of various water quality enhancement practices, decrease the volume of runoff and reduce sediment and nutrient delivery to Tributary B and Four Mile Creek. | \$408,540 | \$157,141 | City of Ankeny, I-Jobs, Polk Soil and Water Conservation District | \$157,141 | \$0 | project complete | 1/26/2012 |
| 9029-015 | Other Creek Watershed | Convert six city blocks of impervious streets and sidewalk into a porous paver system. Peak discharge rate will decrease 95% from the area. Infiltrating the runoff will remove pollutants and cool the water before it discharges into the coldwater trout stream of Other Creek. | \$3,232,245 | \$500,000 | City of West Union, I-Jobs, Iowa Department of Transportation, Iowa Great Places, Iowa Department of Economic Development, Main Street West Union, Fayette Soil and Water Conservation District | \$149,379 | \$350,621 | in progress | 6/30/2013 |
| 9031-016 | Duck Creek Watershed | Increase urban stormwater infiltration through the installation of permeable pavement and reduce peak storm discharge from a tributary to Duck Creek. | \$1,696,517 | \$400,000 | City of Davenport, St. Ambrose University | \$400,000 | \$0 | project complete | 4/20/2012 |
| 9032-017 | Miller Creek Watershed | Install a variety of practices in identified priority areas to reduce sediment delivery and improve the water quality entering Miller Creek. | \$561,000 | \$255,300 | landowners, Environmental Quality Incentives Program, Iowa Financial Incentives Program, Conservation Reserve Program, Natural Resources Conservation Service, Division of Soil Conservation | \$135,872 | \$119,428 | in progress | 12/31/2013 |
| 9033-018 | Camp Creek Watershed | Install highly effective practices to targeted high sediment delivery areas in Camp Creek Watershed and maintain the practices using conservation easements. | \$706,000 | \$322,500 | landowners, Growing Green Communities, Metro Waste Authority, Environmental Quality Incentives Program, Natural Resources Conservation Service | \$282,169 | \$40,311 | final report being prepared | 3/31/2013 |
| Totals | | | \$24,400,324 | \$6,348,008 | | \$2,895,628 | \$3,452,180 | | |

Table 3. State Fiscal Year 2011 Watershed Improvement Fund Appropriations From RBC2

| Project Number | Watershed Name | Project Description | Total Estimated Cost (\$) | RBC2 Award (\$) | Other Revenue Sources | RBC2 Expended (\$) | RBC2 Obligated or Encumbered | Project Status | Completion Date |
|----------------|---|--|---------------------------|-----------------|---|--------------------|------------------------------|-----------------------------|-----------------|
| 1003-001 | Williamson Pond Watershed | Install sediment control practices to improve the water quality of Williamson Pond. | \$424,750 | \$116,500 | Landowners, EPA 319, Publicly Owned Lakes Southern Iowa Development and Conservation Authority | \$11,477 | \$105,023 | In-progress | 12/31/2012 |
| 1004-002 | Rathbun Lake Watershed | Construct five (5) large sediment basins in targeted priority areas to reduce sedimentation of Rathbun Lake. | \$380,550 | \$100,000 | Landowners, EPA 319, Rathbun Regional Water Association | \$0 | \$100,000 | In-progress | 10/31/2014 |
| 1008-003 | White Oak Lake Watershed | Construct a wetland immediately upstream of White Oak Lake on the main tributary to trap sediment and nutrients and prevent them from entering the lake. | \$204,950 | \$100,000 | Mathaska County Conservation Board, EPA 319 | \$90,617 | \$9,383 | final report being prepared | 12/31/2012 |
| 1009-004 | Lost Island Lake Watershed | Improve the water quality of Lost Island Lake through structural and cultural methods. | \$897,000 | \$180,000 | Palo Alto County, Iowa Department of Natural Resources, Ducks Unlimited, Lost Island Protective Association | \$180,000 | \$0 | project complete | 12/31/2011 |
| 1010-005 | Bloody Run Creek Watershed | Construct a flood detention structure to reduce peak runoff events through a portion of the City of Marquette. | \$713,050 | \$200,000 | City of Marquette | \$200,000 | \$0 | project complete | 12/1/2011 |
| 1011-006 | Competitive Creek Partnership Watershed Project | Install water quality improvement practices in priority areas to reduce sedimentation to Competitive Creek by 3,800 tons per year. | \$981,326 | \$199,250 | Landowners, Watershed Protection Fund, Iowa Financial Incentives Program, Conservation Reserve Program, Environmental Quality Incentive Program, Resource Enhancement and Protection Program, Iowa State University, Southern Iowa Development and Conservation Authority | \$92,267 | \$106,283 | In-progress | 6/30/2013 |
| 1012-007 | Yellow River Headwaters Watershed | Install sediment and manure control structures in priority areas in the watershed to reduce sediment and nutrient loading to Yellow River. | \$1,403,800 | \$200,000 | Landowners, Watershed Protection Fund, Water Protection Fund, Conservation Reserve Program, Environmental Quality Incentive Program, Natural Resources Conservation Program, Natural Resources Conservation | \$16,181 | \$183,819 | In-progress | 12/31/2014 |
| 1014-008 | Walnut Creek Watershed | Construct terraces and grade stabilization structures in priority areas to reduce sediment delivery to Walnut Creek. | \$313,280 | \$200,000 | Landowners, Iowa Financial Incentives Program, Conservation Reserve Program, Pheasants Forever, Natural Resources Conservation Service, IDALS Division of Soil Conservation | \$127,728 | \$72,272 | In-progress | 1/31/2014 |
| 1015-009 | Indian Creek Watershed | Reduce urban stormwater runoff by harvesting and reusing the water as part of the cooling system for a local business. | \$55,000 | \$33,000 | Business Owner | \$30,472 | \$2,528 | In-progress | 11/30/2012 |
| 1016-010 | Iowa Great Lakes Targeted Watershed Project | Install sediment and water control structures in priority urban and agricultural areas to improve water quality in the Iowa Great Lakes. | \$1,586,247 | \$168,500 | Landowners, Water Quality Commission, Dickinson SWCD, Iowa Financial Incentives Program, Natural Resources Conservation Service, EPA 319, Lakes Restoration Fund, I-Jobs | \$2,593 | \$165,907 | In-progress | 2/28/2015 |
| 1017-011 | Tuttle Lake Watershed | Develop or restore wetlands and install other practices to reduce nutrient and sediment delivery to Tuttle Lake. | \$490,635 | \$154,350 | Landowners, Emmet SWCD, Fish and Wildlife Service, Conservation Reserve Program | \$49,535 | \$104,815 | In-progress | 12/31/2012 |
| 1019-012 | Des Moines Middle Watershed | Install a sewage collection and treatment system for the unserved community of Luther. | \$2,100,000 | \$200,000 | I-Jobs, State Revolving Loan Fund | \$0 | \$200,000 | In-progress | 5/31/2014 |
| 1022-013 | Dry Run Creek Watershed | Install bio-retention cells and a green roof to reduce urban storm water runoff and improve water quality of Dry Run Creek. | \$197,410 | \$48,400 | University of Northern Iowa, Watershed Protection Fund | \$0 | \$48,400 | In-progress | 11/30/2013 |
| 1215-009J | Muchachnook Creek | Install sediment control practices to improve the water quality in Muchachnook Creek. | \$311,126 | \$78,688 | Landowners, Watershed Protection Fund, Water Protection Fund, Environmental Quality Incentive Program | \$0 | \$78,688 | contract written | 2/28/2014 |
| Totals | | | \$10,020,436 | \$1,978,688 | | \$801,570 | \$1,177,118 | | |

Table 4. State Fiscal Year 2012 Watershed Improvement Fund Appropriations⁴⁴

| Project Number | Watershed Name | Project Description | Total Estimated Cost (\$) | Watershed Improvement Fund Award (\$) | Other Revenue Sources | Watershed Improvement Funds Expended | Watershed Improvement Funds Obligated or Encumbered | Project Status | Completion Date |
|----------------|----------------------------------|---|---------------------------|---------------------------------------|---|--------------------------------------|---|----------------------------------|-----------------|
| 1102-001 | Twelve Mile Lake Watershed | Purchase land and install a wetland above the lake to trap pollutants. | \$634,600 | \$169,925 | Creston Water Board, Iowa Department of Natural Resources, Union Soil and Water Conservation District | \$153,087 | \$16,838 | In-progress | 12/31/2013 |
| 1103-002 | Rathbun Lake Watershed | Assist landowners implement best management practices that reduce sediment and phosphorus deliver to Rathbun Lake. | \$856,065 | \$125,300 | Landowners, EPA 319, Watershed Protection Fund, Water Protection Fund, Natural Resources Conservation Service, Rathbun Rural Water Association | \$0 | \$125,300 | In-progress | 2/28/2017 |
| 1109-003 | Coe Creek Watershed | Purchase land and construct a wetland to remove nitrates from groundwater as part of a Source water Protection Plan for the City of Elliot. | \$238,080 | \$166,460 | City of Elliot, Griswold Community Schools, Natural Resources Conservation Service, Montgomery County Conservation Board, Pheasants Forever, Montgomery County Board of Supervisors | \$124,751 | \$41,709 | In-progress | 12/31/2013 |
| 1112-004 | Price Creek Watershed | Assist landowners implement best management practices that reduce bacterial loading to Price Creek. | \$832,514 | \$102,695 | Landowners, EPA 319, Water Protection Fund, Environmental Quality Incentives Program, Conservation Reserve Program | \$0 | \$102,695 | In-progress | 2/28/2015 |
| 1113-005 | Duck Creek Watershed | Construct a stormwater detention basin and associated practices to reduce sediment and reduce downstream flooding. | \$1,358,191 | \$300,000 | City of Davenport | \$0 | \$300,000 | In-progress | 6/30/2013 |
| 1114-006 | Walnut Creek Watershed | Install sediment-reducing practices to improve the water quality of Walnut Creek. | \$538,100 | \$335,600 | Landowners, Iowa Financial Incentives Program | \$58,591 | \$277,009 | In-progress | 2/15/2015 |
| 1118-007 | Lake Hendricks Watershed | Install best management practices within Lake Hendricks watershed. | \$72,460 | \$61,760 | Howard County Conservation Board | \$13,765 | \$47,995 | Final report is being prepared | 2/28/2013 |
| 1119-008 | Lake Icaria Watershed | Install a rock chute wetland and other best management practices to improve water quality of runoff entering Lake Icaria. | \$383,300 | \$244,650 | Landowners, Iowa Department of Natural Resources | \$0 | \$244,650 | In-progress | 2/15/2015 |
| | Soil Nutrient Mass Balance Study | Prepare a report assessing soil nutrient mass balance in Iowa. | \$50,000 | \$50,000 | Iowa Department of Agriculture and Land Stewardship, Iowa State University | \$4,655 | \$45,345 | Final activities being completed | 2/28/2013 |
| Totals | | | \$4,963,290 | \$1,556,390 | | \$354,849 | \$1,201,541 | | |

⁴⁴ The Watershed Improvement Fund was not appropriated funds in SFY2012. However the projects funded during the fiscal year are from existing funds in the account from interest earned and slippage of funds from completed projects.

Table 5. State Fiscal Year 2013 Watershed Improvement Fund Appropriations From RIF

| Project Number | Watershed Name | Project Description | Total Estimated Cost (\$) | RIF Award (\$) | Other Revenue Sources | RIF Expended (\$) | RIF Obligated or Encumbered | Project Status | Completion Date |
|----------------|------------------------|--|---------------------------|----------------|--|-------------------|-----------------------------|------------------|-----------------|
| 1201-001 | Sands Timber | Install a rock chute wetland structure to trap sediment above the lake. | \$170,500 | \$70,500 | Taylor County Conservation Board | \$0 | \$70,500 | In-progress | 2/15/2014 |
| 1202-002 | Upper Otter Creek | Establish a sustainable trout population in Otter Creek by implementing an information and education campaign, water monitoring and installing targeted best management practices. | \$358,176 | \$100,000 | Landowners, Fayette Soil and Water Conservation District, Environmental Quality Incentives Program, Iowa Financial Incentives Program, Resource Enhancement and Protection | \$0 | \$100,000 | contract written | 2/28/2015 |
| 1204-003 | North Fork Maquoketa | Assist landowners voluntarily implement conservation systems that reduce nutrient loss; restore, protect and enhance wetlands; maintain agricultural productivity; improve wildlife habitat; and other objectives. | \$3,901,894 | \$99,571 | Landowners, Dubuque Soil and Water Conservation District, Mississippi River Basin Initiative | \$0 | \$99,571 | contract written | 6/30/2015 |
| 1206-004 | Dry Run Creek | Reduce the connected imperviousness surface in this urban watershed by installing a bioretention cell and treat 2.17 acre-feet of runoff. | \$39,706 | \$19,853 | University of Northern Iowa, Watershed Protection Program, EPA 319 | \$0 | \$19,853 | contract written | 12/31/2015 |
| 1208-005 | North Racoon | Promote the adoption of and help implement best management practices improving water quality through the the Mississippi River Basin Initiative. | \$800,000 | \$63,900 | Landowners, Mississippi River Basin Initiative | \$0 | \$63,900 | In-progress | 2/15/2016 |
| 1209-006 | Waterloo Creek | Work cooperatively with Minnesota staff on a interstate water resource to implement water quality improvement practices that reduce sediment and bacteria loading to the stream. | \$237,520 | \$100,000 | Landowners, Environmental Quality Incentives Program, Iowa Department of Natural Resources, Iowa Department of Agriculture and Land Stewardship, Trout Unlimited, Northeast Iowa Resource Conservation and Development | \$0 | \$100,000 | In-progress | 2/28/2012 |
| 1210-007 | Central Park Lake | Improve the water quality of Central Park Lake by making replacing the wastewater treatment system in the park and installing two wetlands. | \$132,598 | \$96,650 | Jones County County Conservation Board, Jones County Supervisors, Jones Soil and Water Conservation District | \$0 | \$96,650 | In-progress | 1/31/2016 |
| 1214-008 | Clear Lake | Purchase a beach cleaning machine and install other practices to reduce bacteria loading to Clear Lake. | \$46,600 | \$20,000 | Association for the Preservation of Clear Lake, City of Clear Lake, Iowa Department of Natural Resources | \$0 | \$20,000 | contract written | 1/31/2015 |
| 1221-010 | Rathbun Lake Watershed | Assist landowners implement best management practices that reduce sediment and phosphorus deliver to Rathbun Lake. | \$912,370 | \$97,790 | Landowners, EPA 319, Watershed Protection Fund, Water Protection Fund, Natural Resources Conservation Service, Rathbun Rural Water Association | \$0 | \$97,790 | contract written | 2/28/2016 |
| 1223-011 | South Chequest Creek | Assist landowners install various practices to reduce sediment loading and reduce flood severity to South Chequest Creek. | \$260,198 | \$100,000 | Landowners, Environmental Quality Incentives Program, Iowa Financial Incentive Program, Southern Iowa Development Conservation Authority | \$0 | \$100,000 | contract written | 4/30/2015 |
| 1224-012 | Compeline Creek | Assist landowners install various practices to reduce sediment loading and reduce flood severity to Compeline Creek. | \$875,500 | \$100,000 | Landowners, Iowa Department of Agriculture and Land Stewardship, Watershed Protection Fund, Environmental Quality Incentives Program | \$0 | \$100,000 | contract written | 6/30/2015 |
| Totals | | | \$7,735,062 | \$868,264 | | \$0 | \$868,264 | | |

**Watershed Protection Fund
Iowa Infrastructure Account (D81)
Revenue & Expenses
Fiscal Year 2013**

Revenue Collected:

| | | |
|---|-------------|-----------------|
| Intra State Transfers | | \$ 1,000,000.00 |
| Water Protection Refunds | | \$ 355,953.56 |
| Animal Agriculture Compliance Fund Penalties | | 33,771.38 |
| Interest | | |
| June Interest | \$ 1,200.03 | |
| July Interest | 746.82 | |
| August Interest | 903.47 | |
| September Interest | 1,125.76 | |
| October Interest | 1,377.66 | |
| November Interest | 1,250.29 | |
| December Interest | 0.00 | |
| January Interest | 0.00 | |
| February Interest | 0.00 | |
| March Interest | 0.00 | |
| April Interest | 0.00 | |
| May Interest | 0.00 | |
| Total Interest | | <u>6,604.03</u> |
| Total Revenue Collected from July 1, 2012 through December 31, 2012 | | 1,396,328.97 |

Expenditures:

| | | |
|--|-------------------|-------------------------------|
| Intra State Transfers | | - |
| WIRB board member per diem cost | 2,179.69 | |
| Pay Requests Approved by Board | <u>776,691.03</u> | |
| Total Expenditures from July 1, 2012 through December 31, 2012 | | <u>778,870.72</u> |
| Revenue minus Expenditures | | \$ 617,458.25 |
| Fund Balance forward from FY 2012 | | \$ 3,909,633.38 |
| Fund Balance as of December 31, 2012 (FY2013) | | <u><u>\$ 4,527,091.63</u></u> |

**Watershed Protection Fund
Revenue Bonds Capitals II Fund (DT4)
Revenue & Expenses
Fiscal Year 2013**

Revenue Collected:

Appropriations

Water Protection Refunds

\$ -

Total Revenue Collected from July 1, 2012 through December 31, 2012

-

Expenditures:

Intra State Transfers

-

WIRB board member per diem cost

-

Pay Requests Approved by Board

251,120.00

Total Expenditures from July 1, 2012 through December 31, 2012

251,120.00

Revenue minus Expenditures

\$ (251,120.00)

Fund Balance forward from FY 2012

\$ 921,305.00

Fund Balance as of December 31, 2012 (FY2013)

\$ 670,185.00